Atty. Dkt. No. 072121-0363

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Eleni VENETSANAKOS

Title:

METHODS FOR TREATING CANCER USING PORIMIN AS A TARGET

Appl. No.:

10/720,696

Filing Date: 11/25/2003

Examiner:

Unassigned

Art Unit:

Unassigned

## INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56**

Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie art reference against the claims of the present application.



## TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

Applicant respectfully requests that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

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	Substitute for	or form 1449B	/PTO	Complete if Known		
	INFORMATI	ON DISCLO	SURE	Application Number	10/720,696	
STATEMENT BY APPLICANT				Filing Date	11/25/2003	
				First Named Inventor	Eleni VENETSANAKOS	
				Group Art Unit	Unknown	
	(use as many	sheets as ne	cessary)	Examiner Name	Unknown	
Sheet	2	of	3	Attorney Docket Number	072121-0363	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ,
	A11	HELL et al., "Hodgkin Cells Accumulate mRNA for <i>bcl-2</i> ," <u>Laboratory Investigation</u> , October 1995, pp. 492-496, Vol. 73, No. 4, The United States and Canadian Academy of Pathology, Inc., USA	
	A12	JANG et al., "An examination of the effects of hypoxia, acidosis, and glucose starvation on the expression of metastasis-associated genes in murine tumor cells," <u>Clin. Exp. Metastasis</u> , September 1997, pp. 469-483, Vol. 15, No. 5, Rapid Science Publishers	
	A13	LÉVESQUE et al., "PSGL-1-Mediated Adhesion of Human Hematopoietic Progenitors to P-Selectin Results in Suppression of Hematopoiesis," <a href="mailto:lmmunity">lmmunity</a> , September 1999, pp. 369-378, Vol. 11, No. 3, Cell Press	
	A14	LIGTENBERG et al., "Suppression of Cellular Aggregation by High Levels of Episialin," <u>Cancer Research,</u> April 15, 1992, pp. 2318-2324, Vol. 52, No. 8	
	A15	MA et al., "Molecular cloning of Porimin, a novel cell surface receptor mediating oncotic cell death," <u>PNAS</u> , August 14, 2001, pp. 9778-9783, Vol. 98, No. 17	
	A16	MANJUNATH et al., "Negative regulation of T-cell adhesion and activation by CD43," <u>Nature</u> , October 12, 1995, pp. 535-538, Vol. 377	
	A17	McCLEAN et al., "Evidence of Post-translational Regulation of P-Glycoprotein Associated with the Expression of a Distinctive Multiple Drug-resistant Phenotype in Chinese Hamster Ovary Cells," <u>Eur. J. Cancer</u> , 1993, pp. 2243-2248, Vol. 29A, No. 16, Pergamon Press Ltd.	
1	A18	OSTBERG et al., "The Roman god Janus: a paradigm for the function of CD43," Immunology Today, December 1998, pp. 546-550, Vol. 19, No. 12	
	A19	POWELL et al., "Expression of cytochrome P4502E1 in human liver: assessment by mRNA, genotype and phenotype," Pharmacogenetics, October 1998, pp. 41-421, Vol. 8, No. 5, Lippincott Williams & Wilkins	
	A20	SHANTZ et al., "Translational regulation of ornithine decarboxylase and other enzymes of the polyamine pathway," <u>The International Journal of Biochemistry &amp; Cell Biology</u> , 1999, pp. 107-122, Vol. 31, Elsevier Science Ltd.	
•.	A21	VALLEJO et al., "Evidence of tissue-specific, post-transcriptional regulation of NRF-2 expression," Biochimie, 2000, pp. 1129-1133, Vol. 82	
	A22	ZANNETTINO et al., "The Sialomucin CD164 (MGC-24v) Is an Adhesive Glycoprotein Expressed by Human Hematopoietic Progenitors and Bone Marrow Stromal Cells That Serves as a Potent Negative Regulator of Hematopoiesis," <u>Blood</u> , October 15, 1998, pp. 2613-2628, Vol. 92, No. 8, The American Society of Hematology	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	INFORMAT	ION DISCLO	SURE	Application Number	10/720,696	<del>70 -</del>	
STATEMENT BY APPLICANT				Filing Date	11/25/2003		
				First Named Inventor	Eleni VENETSANAKO	MAR 2 9 2004	
				Group Art Unit	Unknown	o MAN	
	(use as many	sheets as ne	ecessary)	Examiner Name	Unknown	EX.	
Sheet	1	of	3	Attorney Docket Number	072121-0363	TO MAR	

				F	DREIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No. <sup>1</sup>	F Office	oreign Patent E  Number4	Oocument Kind Code <sup>5</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
•	A1	wo	00/73452	A2	GENENTECH, INC.	12-07-2000		
,	A2	wo	01/32837	A1	HUMAN GENOME SCIENCES, INC.	05-10-2001		
	А3	EP	1 067 182	A2	HELIX RESEARCH INSTITUTE	01-10-2001		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т <sup>6</sup>
	A4	ALBERTS, Molecular Cell Biology, 3 <sup>rd</sup> Edition, 1998, p. 465, Scientific American Books, Inc., USA	
1	A5	BAŽIL et al., "Apoptosis of Human Hematopoietic Progenitor Cells Induced by Crosslinking of Surface CD43, the Major Sialoglycoprotein of Leukocytes," <u>Blood</u> , July 15, 1995, pp. 502-511, Vol. 86, No. 2, W.B. Saunders Company	
	A6	BRENNAN et al., "Cytokine Production in Culture by Cells Isolated from the Synovial Membrane," <u>Journal of Autoimmunity</u> , June 1989, pp. 177-189, Vol. 2 (Supplement), Academic Press	
	A7	CARRÈRE et al., "Immunoreactive pancreatic Reg protein in sera from cystic fibrosis patients with and without pancreatic insufficiency," <u>Gut</u> , April 1999, pp. 545-551, Vol. 44, No. 4, BMJ Publishing	
	A8	ERIKSSON et al., "Insulin resistance in Type 2 (non-insulin-dependent) diabetic patients and their relatives is not associated with a defect in the expression of the insulin-responsive glucose transporter (GLUT-4) gene in human skeletal muscle," <u>Diabetologia</u> , February 1992, pp. 143-147, Vol. 35, No. 2, Springer-Verlag	
,	A9	FU et al., "Translational regulation of human p53 gene expression," <u>The EMBO Journal</u> , 1996, pp. 4392-4401, Vol. 15, No. 16, Oxford University Press	
	A10	GUO et al., "Induction Profile of Rat Organic Anion Transporting Polypeptide 2 (oatp2) by Prototypical Drug-Metabolizing Enzyme Inducers That Activate Gene Expression through Ligand-Activated Transcription Factor Pathways," <u>The Journal of Pharmacology and Experimental Therapeutics</u> , 2002, pp. 206-212, Vol. 300, No. 1, The American Society for Pharmacology and Experimental Therapeutics, USA	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	A23	ZHANG et al., "A cell surface receptor defined by a mAb mediates a unique type of cell death similar to oncosis," <a href="Proc. Natl. Acad. Sci. USA">Proc. Natl. Acad. Sci. USA</a> , May 1998, pp. 6290-6295, Vol. 95	
	A24	ZIMMER, "Examination of the Calcium-Modulated Protein S100α and Its Target Proteins in Adult and Developing Skeletal Muscle," <u>Cell Motility and the Cytoskeleton</u> , 1991, pp. 325-337, Vol. 20, No. 4, Wiley-Liss, Inc.	
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